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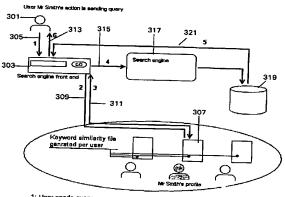
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## (54) Title: SEARCHING APPARATUS AND METHODS



: User sends query
: User "related keyword" profile is read and additional Boolean
keywords are extracted
: The user is given the Boolean terms to expand his query
: The sexpanded query can go to a search engine (one that can handle
Boolean querying)
: The set of result is axtracted from the data repository
: The Graphical User Interface displays the results back to the user (57) Abstract: An apparatus and method are provided for improving database searching, the method comprising the steps of: receiving a search query comprising one or more search keywords from a user; accessing a user profile means arranged to provide data indicative of relatedness criteria between keywords from a set of documents, and identifying from said user profile means, for the or each search keyword, potentially-related keywords according to predetermined criteria; providing said potentially-related keywords to the user; receiving information from the user confirming that any potentially-related keywords are considered to be related keywords; in the event that any potentially-related keywords are confirmed by the user to be related keywords, incorporating such potentially-related keywords as keywords in an improved search query; and submitting the improved search query to a search engine. Also provided are an apparatus and method for creating and maintaining user profiles for use in the above searching apparatus and method.

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